

NEXTLABS®
Zero Trust Data Centric Security

Newsletter Q4

2022

The Intersection of Zero-Trust
Architecture & Data-Centric Security



The Intersection of Zero-Trust Architecture & Data-Centric Security

Key Takeways

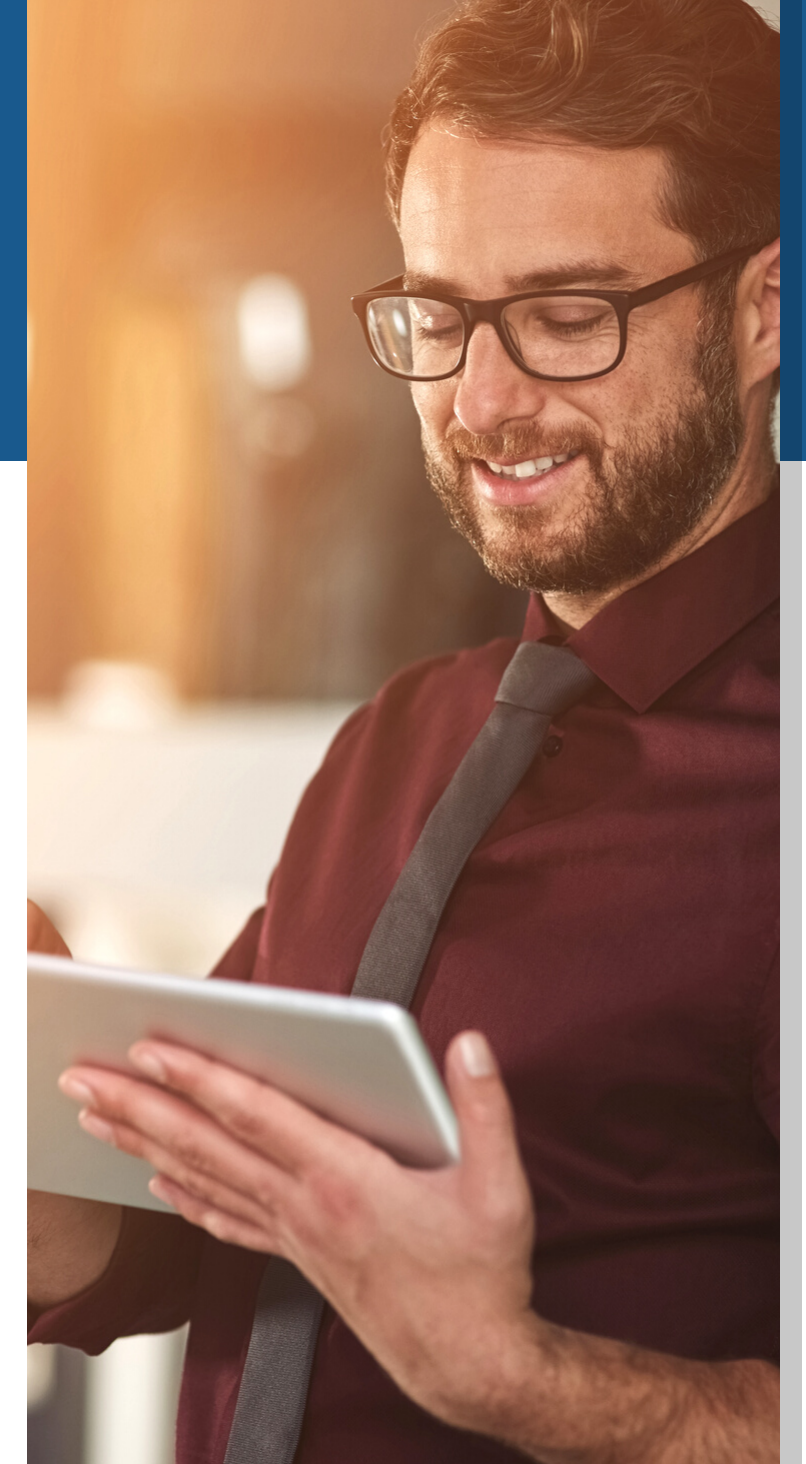
How To Establish An Intelligent Enterprise With Zero-Trust Architecture & Data-Centric Security

Implementing a Zero Trust Architecture: NIST National Cybersecurity Center of Excellence

IBM Article - Getting Started With Zero-Trust Architecture

Cybersecurity Expert Series - Discover New Topics & Insights

Press Release - NextLabs chosen by Bodycote and Herstal Group to Accelerate IT Transformation



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Establishing an intelligent enterprise with Zero-Trust Architecture & Data-Centric Security

Network perimeters are increasingly difficult to define in the current complex hybrid cloud system. Within the perimeter, users are often given a broad range of access to corporate resources. If the user or subject is compromised, it can lead to massive data loss for the company.

To avoid situations like this, many intelligent enterprises are shifting to a Zero Trust Architecture (ZTA), which applies a data-centric approach instead of traditional perimeter based security, as this is no longer sufficient. ZTA centers itself around identifying and authenticating users and devices to enable least privilege access to secure applications and data, reducing risks.

In this video, learn about the intersection of ZTA and data-centric security, which are not only the foundation of NIST's Cybersecurity Framework (CSF), but also enable enterprises to enhance their cyber defense, streamline compliance, and automate security controls.

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SECURE COLLABORATION FOR THE EXTENDED ENTERPRISE



Using Digital Rights Management, NextLabs SkyDRM enables automatic protection of files added to cloud file store. This is achieved with MyFolder and Auto-Protection feature, allowing users to continue to work with protected files.

[Watch Now](#)



Using Attribute-Based Access Control (ABAC), NextLabs Application Enforcer, enables access control on files and folders in networks and cloud file shares based on user attributes, geolocation, and file/folder properties.

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Implementing a Zero Trust Architecture: NIST National Cybersecurity Center of Excellence

The growth in cloud computing, Internet of Things (IoT), business partnerships, and remote work has played a role in the increase in complexity of managing digital enterprise resources, as network perimeters become increasingly hard to define.

Traditional network security focuses on securing the perimeter, which is no longer effective due to its limitations and vulnerability, along with the ever-increasing number of points of entry, exit, and data access. This white paper provides an overview of the principles of ZTA, how to secure data access from any device & location without compromising integrity, along with how ZTA can be enhanced with NIST's SP 800-162 Attribute-Based Access Control (ABAC).

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Attribute-Based Access Control (ABAC) Enhances Zero-Trust Architecture

Attribute Based Access Control (ABAC) is essential for a data-centric security model and can be used to enhance enterprise's ZTA. It has emerged as the next-gen technology for securing access to business-critical data.

The complexities of today's IT landscape – think cloud apps, data silos, mobile, IoT, and Big Data – has exposed the limitations of role-based access control (RBAC) solutions, leaving organizations vulnerable on the data security front. By many, including Gartner and NIST, consider ABAC to be the dominant mechanism to protect assets.



Attribute-Based Access control can be used with data classification to ensure sensitive information is safeguarded.

Data classification is essential for data-centric security, and in this video, you will learn how to protect information with data classification, as well as automate the labeling and classification on of emails and documents.

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GETTING STARTED WITH ZERO-TRUST ARCHITECTURE

Organizations with the most mature zero trust capabilities have reduced security expenditures, increased cyber resilience, and boosted talent retention rates. Read the full report to learn what sets zero-trust pacesetters apart and how your organization can create a zero-trust roadmap that leads to greater cyber resilience.

[Read More](#)

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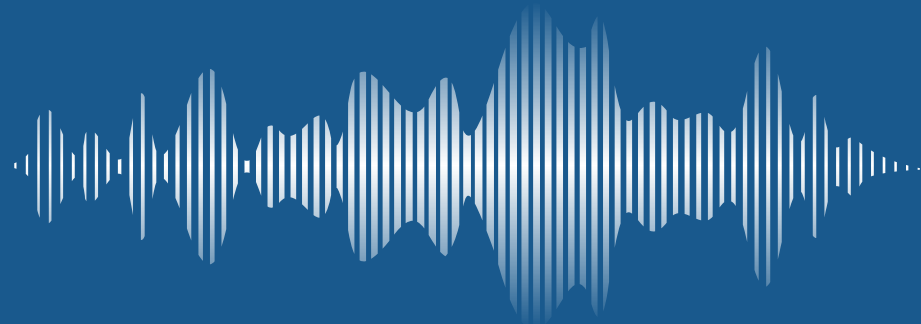
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EXPERT Q&A

NextLabs is introducing a new expert Q&A series on cybersecurity to provide a platform for thought leadership via interviews with industry experts.

The Cybersecurity Expert Series explores important cybersecurity topics to provide educational and thought-provoking conversations. Through this series, industry experts will share insight, common practices, and advice on relevant topics in the industry.



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Episode 6: Approaches to Applying Zero-Trust Architecture (NIST Insights) NextLabs Cybersecurity Expert Series

In this episode of the NextLabs Cybersecurity Expert Series, Alper Kerman and Bill Newhouse discuss what approaches an enterprise can leverage to begin implementing a Zero-Trust Architecture (ZTA), as well as how ZTA intersects with data classification.

Episode 5: Cybersecurity in Today's S/4HANA Transformations

With the increase of global cybersecurity threats in the last few years, it has never been more important to properly secure your company's sensitive data. Check out what Charlie Singh, Advisory Director at KPMG, has to say about the importance of cybersecurity in today's S/4HANA transformations

Episode 4: How ABAC Can Enhance Dynamic Data Protection (Infosys Insights)

In the fourth episode of the cybersecurity expert series, Nitin Aggarwal, Associate Partner at Infosys, dives into what has caused the shift in the need for dynamic data protection and how Attribute-Based Access Control can enable dynamic data protection.

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PRESS RELEASE



NEXTLABS CHOSEN BY BODYCOTE AND HERSTAL GROUP TO ACCELERATE IT TRANSFORMATION

San Mateo, Calif. - November 17, 2022

NextLabs today announced its selection by Bodycote and Herstal Group as the Zero Trust Data-Centric Security platform to transform their strategic IT initiatives. With the deployment of the NextLabs platform, the companies will be able to implement its next generation cybersecurity framework based on the zero-trust architecture and least privilege access principle to protect customer data, segregate and obfuscate sensitive information, and automate need-to-know access to safeguard product designs and project data.

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WEBINAR

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PROTECTING INTELLECTUAL PROPERTY AND TRADE SECRETS WITH A DATA-CENTRIC SECURITY MODEL

Intellectual property and trade secrets, although intangible, can be some of the most valuable assets of an enterprise, especially as the world moves towards a more digitized knowledge-based economy. It is critical that organizations safeguard these assets to maintain their advantage in an ever more globalized competitive landscape. Click our interactive image above to view the webinar.

Watch Now



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PRODUCT UPDATES

NEXTLABS
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NextLabs Data Access Enforcer Product Update

November 2022

NextLabs announced its expansion for the DAE product line to provide out-of-the-box integrations with more enterprise platforms than ever before.

In addition to expanding the product line to provide support for more platforms, NextLabs also added additional functionality, including support for masking data at rest using Format Preserving Encryption (FPE).

[Read More](#)

ON- DEMAND VIDEOS

Our on-demand video catalog provides a variety of information about NextLabs' solutions and technology.

The catalog includes regularly uploaded webinars, demos, and informational introductory videos featured through the NextLabs' YouTube channel.

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DATA CENTRIC SECURITY

POWERED BY DYNAMIC AUTHORIZATION

